

Title (en)
LAUNDRY DRYING MACHINE WITH STEAMING FUNCTION AND RELATED OPERATING METHOD

Title (de)
WÄSCHETROCKNER MIT DÄMPFFUNKTION UND ZUGEHÖRIGES BETRIEBSVERFAHREN

Title (fr)
MACHINE À SÉCHER LE LINGE AVEC FONCTION VAPEUR ET PROCÉDÉ DE FONCTIONNEMENT ASSOCIÉ

Publication
EP 4029981 A1 20220720 (EN)

Application
EP 21151488 A 20210114

Priority
EP 21151488 A 20210114

Abstract (en)
A laundry dryer (1) with steaming function, comprising:- a laundry treatment chamber (2),- a drying process air circuit (3),- a steamer (20) comprising a steam generator (23), a steam injector (24) to inject steam into the treatment chamber (2), and a steam condensate conduit (40) for leading away any liquid condensed from the steam stream to be injected by the steam injector (24) into the treatment chamber (2), and- a siphon-trap (41) arranged in the steam condensation conduit (40) to receive steam condensate therefrom.The dryer further includes an additional input (42) of liquid to siphon-trap (41), additional to the steam condensate.A method for operating the laundry dryer is also disclosed.

IPC 8 full level
D06F 58/20 (2006.01); **D06F 58/30** (2020.01); **D06F 39/00** (2020.01); **D06F 58/24** (2006.01); **D06F 105/40** (2020.01)

CPC (source: CN EP)
D06F 58/203 (2013.01 - CN EP); **D06F 58/24** (2013.01 - CN); **D06F 58/30** (2020.02 - EP); **D06F 39/40** (2024.01 - EP); **D06F 58/20** (2013.01 - EP); **D06F 58/24** (2013.01 - EP); **D06F 2105/40** (2020.02 - EP)

Citation (applicant)

- EP 1959048 B1 20090408 - ELECTROLUX HOME PROD CORP [BE]
- WO 2017036553 A1 20170309 - ARCELIK AS [TR]

Citation (search report)

- [I] US 2008313920 A1 20081225 - FINKE MICHAEL [DE], et al
- [A] DE 102011081936 A1 20130307 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 4029981 A1 20220720; EP 4029981 B1 20240724; AU 2021266309 A1 20220728; CN 114763667 A 20220719; PL 4029981 T3 20241202

DOCDB simple family (application)
EP 21151488 A 20210114; AU 2021266309 A 20211111; CN 202210026662 A 20220111; PL 21151488 T 20210114